

101PDL

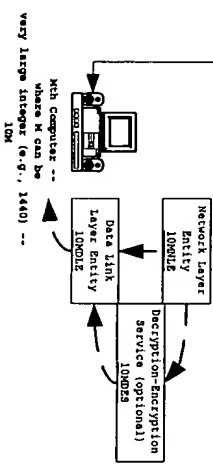
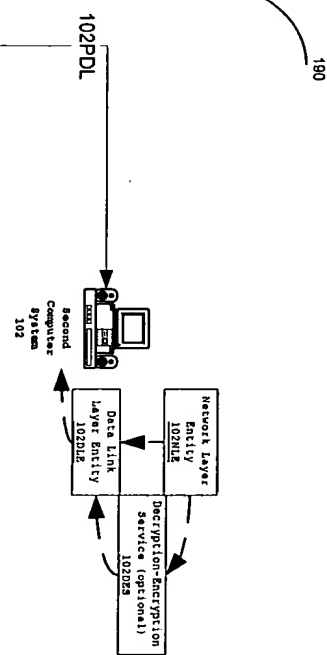
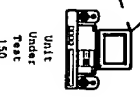
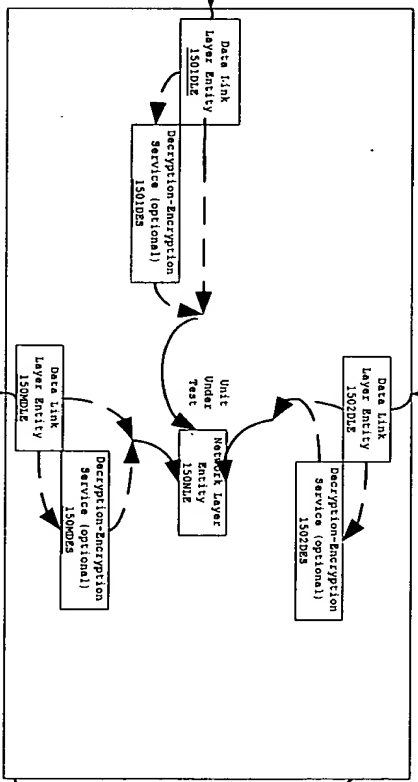


Fig. 1

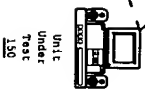
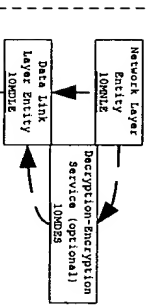
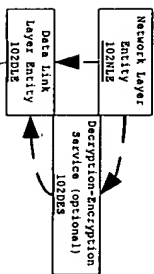
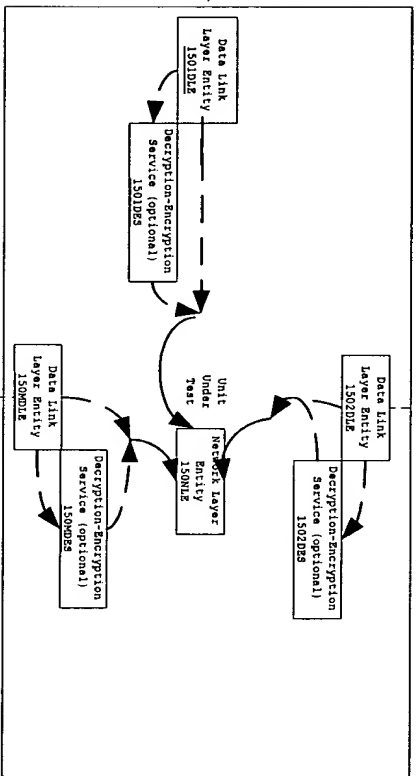
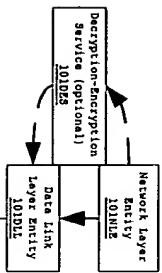


Fig. 2

FIG. 2 is a block diagram of a system 100 for testing a network layer entity (101NLE) and a data link layer entity (101DLE) in a unit under test (UUT) 150. The system 100 includes a network layer entity (101NLE) and a data link layer entity (101DLE) in a unit under test (UUT) 150. The network layer entity (101NLE) is connected to the data link layer entity (101DLE) via a dashed line. The network layer entity (101NLE) is also connected to a decryption-encryption service (optional) (101DES) via a dashed line. The decryption-encryption service (optional) (101DES) is connected to the data link layer entity (101DLE) via a dashed line. The unit under test (UUT) 150 is connected to the network layer entity (101NLE) via a dashed line. The unit under test (UUT) 150 is also connected to the decryption-encryption service (optional) (101DES) via a dashed line. The unit under test (UUT) 150 is also connected to the data link layer entity (101DLE) via a dashed line.

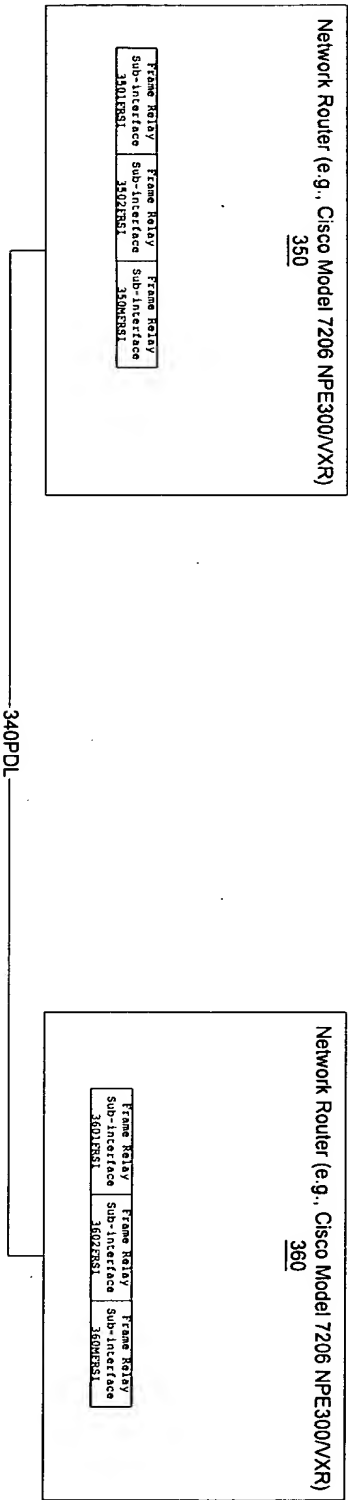


Fig. 3

FIG. 3 is a block diagram of a network system. The system includes a first network router (350) and a second network router (360). The first network router (350) is connected to the second network router (360) via a link (340PDL). The first network router (350) includes three frame relay sub-interfaces (3401FRS1, 3402FRS1, 3403FRS1). The second network router (360) includes three frame relay sub-interfaces (3601FRS1, 3602FRS1, 3603FRS1).

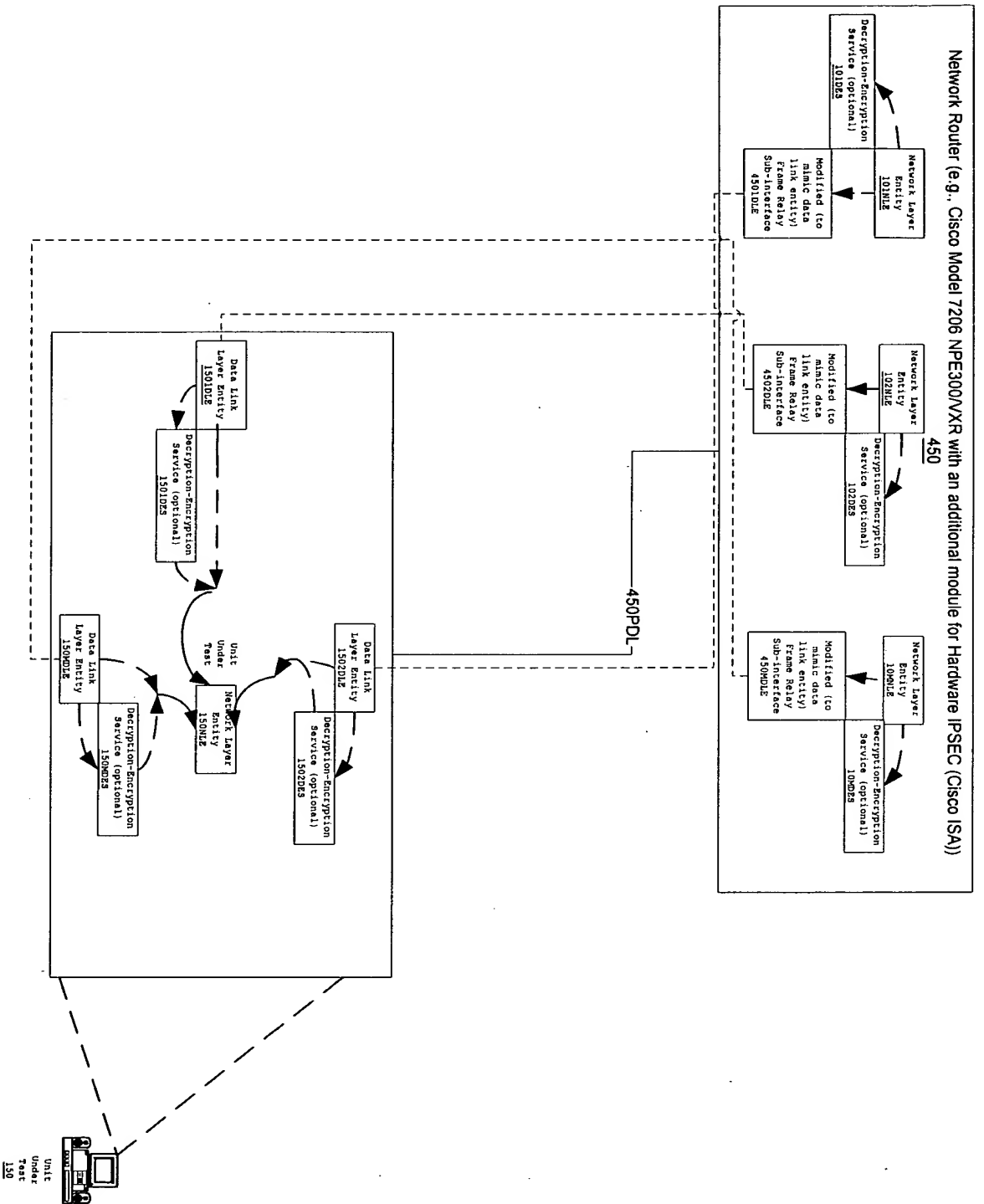


Fig. 4

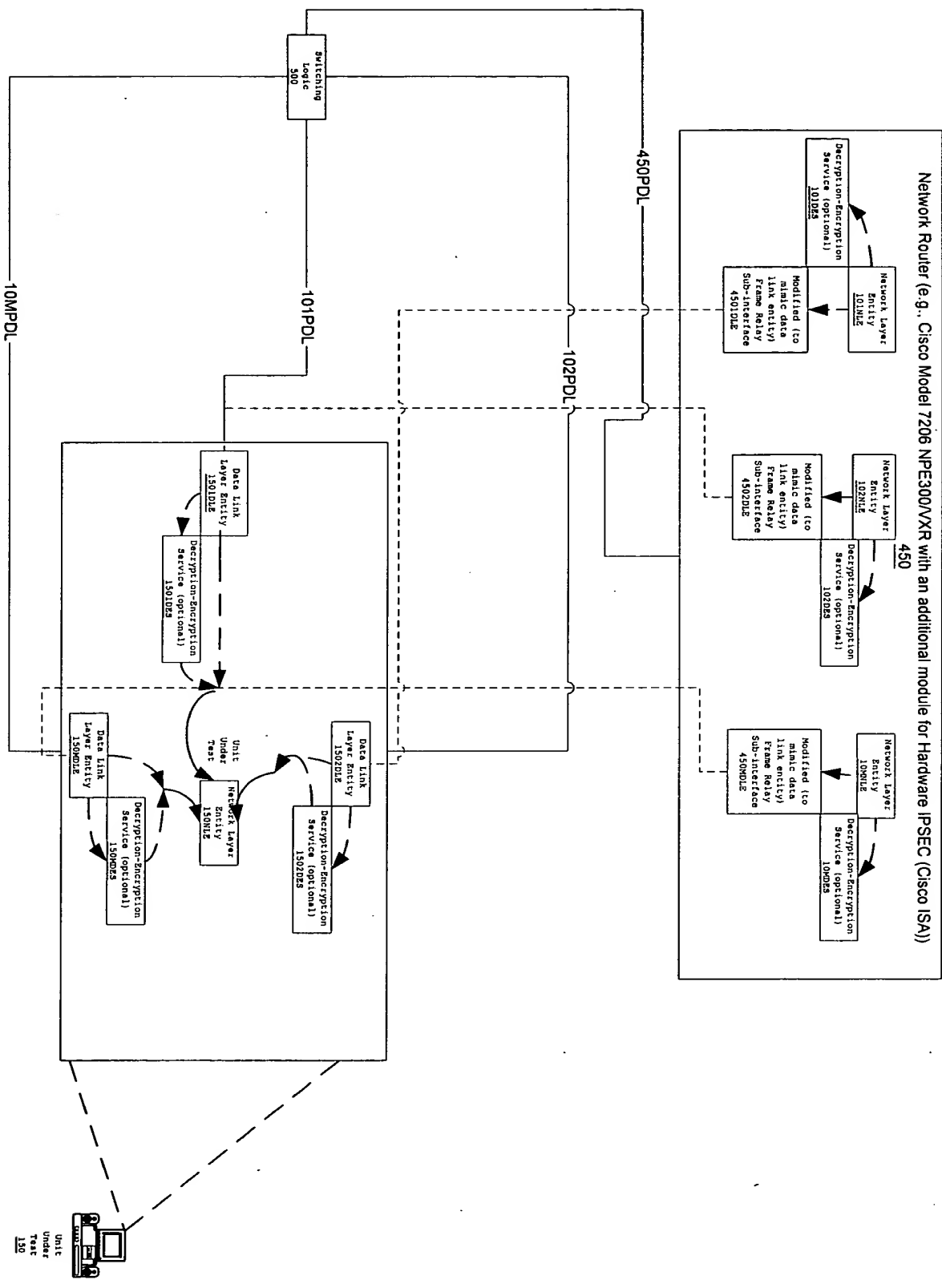
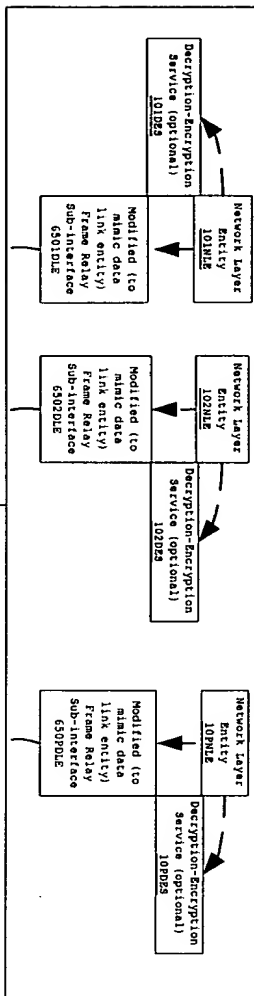


Fig. 5. Block diagram of the Network Router (e.g., Cisco Model 7206 NPE300VXR) with an additional module for Hardware IPSEC (Cisco ISA).

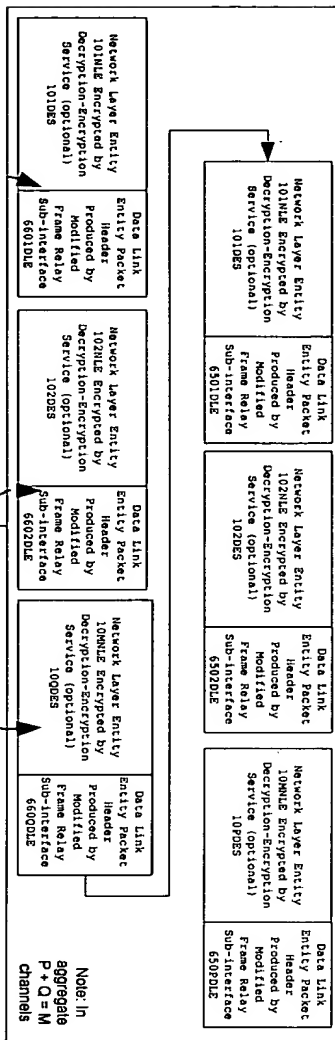
Network Router (e.g., Cisco Model 7206 NPE300VXR with an additional module for Hardware IPSEC (Cisco ISA))

650



Aggregation Unit (e.g., Cisco Model 7513 RSP4 VP2-50)

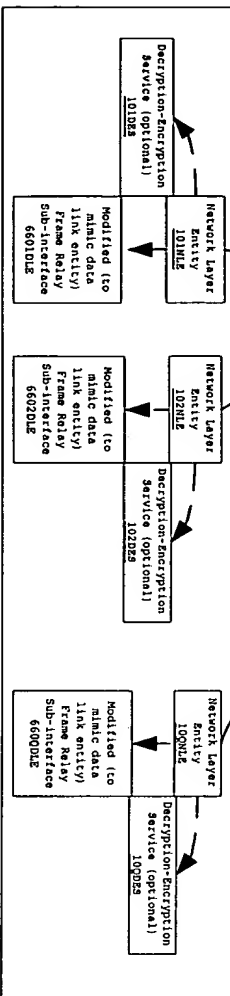
600



Note: In aggregate P + Q = M channels

Network Router (e.g., Cisco Model 7206 NPE300VXR with an additional module for Hardware IPSEC (Cisco ISA))

660



680PDL

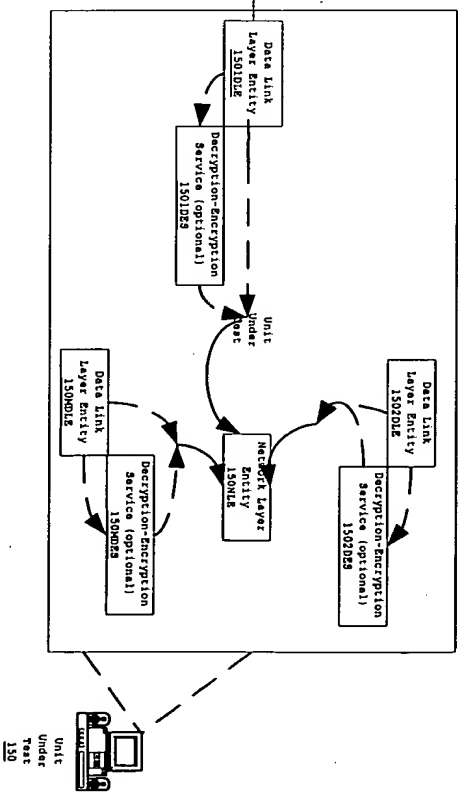


Fig. 6

FIG. 6 is a block diagram of a system for testing a network device. The system includes a network router (e.g., Cisco Model 7206 NPE300VXR) with an additional module for Hardware IPSEC (Cisco ISA). The network router is connected to an aggregation unit (e.g., Cisco Model 7513 RSP4 VP2-50). The aggregation unit is connected to another network router (e.g., Cisco Model 7206 NPE300VXR) with an additional module for Hardware IPSEC (Cisco ISA). The network router is connected to a unit under test (130). The unit under test is connected to a data link (130DL). The data link is connected to a network layer entity (130NLE). The network layer entity is connected to a data link (130DL). The data link is connected to a modified (to mimic data link entity) frame relay sub-interface (130PDL). The modified (to mimic data link entity) frame relay sub-interface is connected to the unit under test (130).

